PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Compl t if Known		
Application Number	(Unassigned)	
Filing Date	(Herewith)	
First Named Inventor	Hongliu (NMI) Du	
Art Unit_	(Unassigned)	
Examiner Name	(Unassigned)	
Attorney Docket Number	03-223	

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials		Document Number  Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
**************************************	<u> </u>	US- 2002/017684	11-28-2002	Du	
		US- 4,489,551	12-25-1984	Watanabe, et al.	
		US- 5,439,355	8-8-1995	Jimison, et al.	
		US- 5,497,653	3-12-1996	Snow	
		US- 5,528,928	6-25-1996	Baker, et al.	
		US- 5,563,351	10-8-1996	Miller	
	J	US- 5,646,539	7-8-1997	Codina, et al.	
		US- 5,654,504	8-5-1997	Smith, et al.	,
		US- 5,720,598	2-24-1998	de Chizzelle	
		US- 5,798,941	8-25-1998	McLeister	
		US- 5,903,215	5-11-1999	Kanno	
		US- 6,092,370	7-25-2000	Tremoulet, Jr. et al	
		US- 6,152,702	11-28-2000	Codina, et al.	
		US- 6,302,653	10-16-2001	Bryant, et al.	
		US- 6,374,722	4-23-2002	Du, et al.	
		US- 6,375,433	4-23-2002	Du, et al.	
		US- 6,468,046	10-22-2002	Du, et al.	
		US-			
	<b></b>	US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Document  Country Code3 -Number4 - Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т6
***************************************	ļ	Country Code3 = 14 diffuser = Kind Code = (irknown)	WIWI-DD-1111		or recevant rigures repeat	
American income a speciment conference on a						ļ
	l					
***************************************			***************************************			
NAME OF THE PARTY	·					
· · · · · · · · · · · · · · · · · · ·						·
			***************************************		·····	·
						i
	ļ		······································		***************************************	
***************************************	ļ				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
***************************************						

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	) Group Art Unit: (Unassigned)
HONGLIU (NMI) DU	) Examiner: (Unassigned)
Application Number: Unassigned	)
Filed: Unassigned	)
Title: HYDRAULIC SYSTEM HEALTH INDICATOR	) ) )
Attorney Docket No.: 03-223	<u> </u>
	Peoria, Illinois 61629-6490
	July 28, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

Respectfully submitted,

D. James Barnes

Registration No. 48,869

Caterpillar Inc.

Telephone: (309) 494-1815

DJB:ksw Enc.